Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 29 Nov 2021 until 23:59 on Tuesday 30 Nov 2021

Forecast Issued on Sunday 28 Nov 2021 at 13:49

Confidence: High confidence for milder conditions to return later on Monday and Tuesday but this is temporary as cold northerly winds return from mid week. Lower confidence in precipitation amounts on Monday afternoon.

Headline for Monday 29 Nov 2021: Bright start, increasing cloud, rain and sleet in the afternoon, strengthening westerly winds.

Mountain weather hazards on Monday 29 Nov 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Partly cloudy (night)	Sunny intervals	Cloudy	Sleet	Light rain	Light rain
Precipitation probability							
<05%	<05%	<05%	<05%	30%	60%	60%	60%

Forecast for Monday 29 Nov 2021

Weather: Partly cloudy overnight with clear spells and a sharp frost, strong northerly winds will enhance the severe windchill on the Dales overnight. A dry, bright and frosty start to Monday morning but increasing cloud during the morning, as milder air starts to push in from the west during the afternoon. It will become quite dull by early afternoon with light rain or sleet, increasingly turning to rain as the milder air makes it's way across the Yorkshire Dales. Precipitation will mainly be light and patchy with a few drier spells during the evening and remaining quite dull.

Chance of cloud free mountain/hill tops above 600m: 95% in the morning but patchy low cloud will develop around northern hills in the early afternoon. The lower cloud will become more broken and spread south in the afternoon associated with the rain and sleet.

Visibility: Good visibility at daybreak with views around the Yorkshire Dales however it will turn cloudier and duller towards early afternoon especially in the north. By mid afternoon 40% chance of cloud free tops and the best chance around southern tops. Cloud will become broken above 400m in the afternoon in the north, perhaps more scattered around 500m in the south. Visibility will become very poor in early sleet in the north but will moderate as it turns to rain later in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 29 Nov 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/21 N	7/11 NW	5/11 N	5/9 W	10/13 SW	16/24 SW	20/32 W	22/38 W	23/37 W
300	9/21 N	6/12 N	4/8 NW	2/9 NW	3/10 SW	6/18 SW	10/27 W	13/30 W	14/31 W
Valley	9/20 N	4/10 N	1/4 N	1/2 E	1/6 SW	2/10 W	3/16 W	11/26 W	11/26 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-4/-10	-4/-8	-3/-7	-2/-6	-1/-6	0/-6	2/-3	4/-1	5/-0
300	-3/-8	-4/-8	-6/-9	-3/-5	0/-1	1/-2	3/-1	5/2	7/3
Valley	-1/-5	-3/-5	-4/-6	-1/-3	2/-0	2/1	4/2	8/5	8/6
Freezing Level*	00m	00m	00m	00m	100m	500m	1500m	1800m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Bitterly cold at first in northerly winds but wind chill easing a little later in the day despite strong winds by later afternoon. With a little lying snow it will be slippery underfoot.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 28 Nov 2021	0mm	0.4mm	16mm

Forecast for Tuesday 30 Nov 2021

Weather: A dull and cloudy morning with outbreaks of light and patchy rain or drizzle at times. A few brighter spells may be possible in the east. Rain will intensify in the evening with some heavier periods accompanied by strong winds it won't be very pleasant at times on the Dales.

Maximum wind: West or southwesterly 30mph gusting 35-40mph

Chance of cloud free mountain/hill tops above 600m: 20-30%, expected to be quite cloudy at low level associated with rain. Perhaps a few brighter periods in the afternoon in the east.

Visibility: Moderate or poor for most of the day in light rain or drizzle and then heavier rain later. Cloud bases will be broken from 400m above in the north and west, perhaps more scattered from 500m around southern tops.

Temperature: **Valleys:** Plus 10 Celsius.
At 600m: Plus 5 Celsius.
Freezing level: Above the summits.

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